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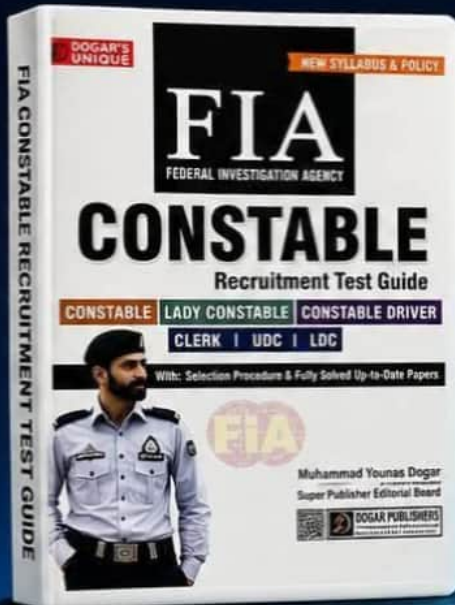
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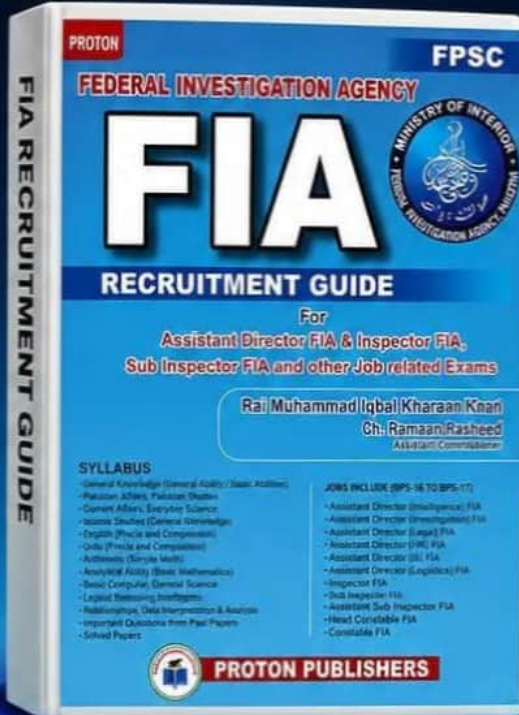
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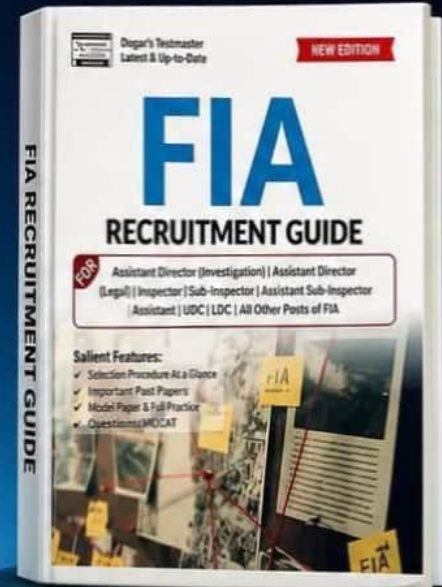
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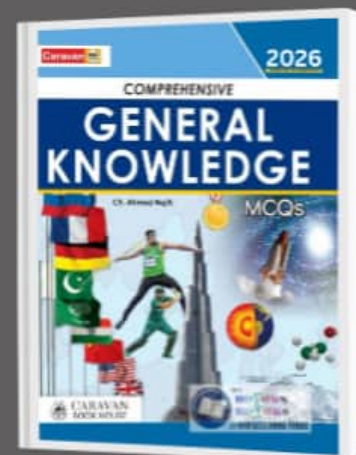
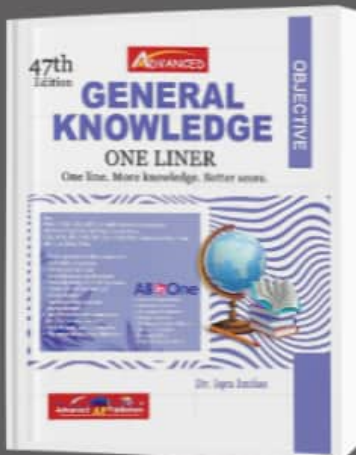
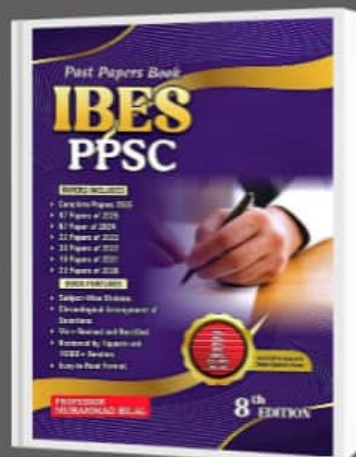
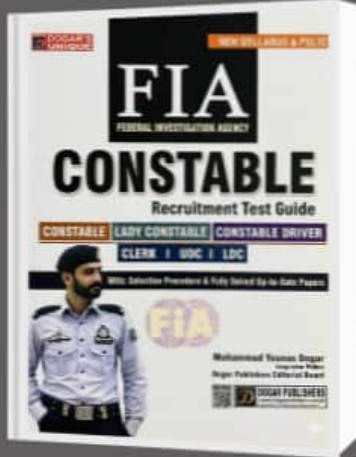
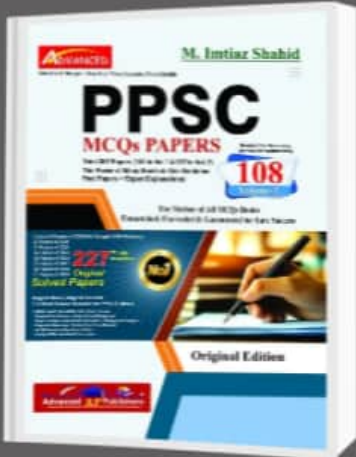
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A Humble Request

I and my team have done our utmost to reproduce maximum number of original papers & questions. To solve them with accuracy was a difficult task. We have tried our best to do it. However mistakes and errors may be crept into. We humbly request to the readers of this book to inform us each and every mistake and error they find in this book. Their cooperation will help me to produce next error-free edition of this book.

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CSS MPT

Model Paper 1

COMPETITIVE EXAMINATION 2024 FPSC MCQ BASED PRELIMINARY TEST (MPT) BATCH 1 MORNING (19-11-2023)

- In which year of Prophet hood did Bait e Aqba take place:
(A) 5th (B) 10th
(C) 1st (D) None of these
- What does Masnad mean:
(A) Mosque (B) Market
(C) Throne (D) None of these
- Who was the fourth Prime Minister of Pakistan:
(A) Liaqat Ali Khan
(B) Muhammad Ali Bogra
(C) Khawaja Nazim Ud Din
(D) Ch. Muhammad Ali
- Who was the first son of Hazrat Muhammad SAW:
(A) Hazrat Abdullah RA
(B) Hazrat Qasim RA
(C) Hazrat Ibrahim RA
(D) None of these
- The South East Asian Treaty Organization (SEATO) came to end in:
(A) 1977 (B) 1980
(C) 1991 (D) Imam Bukhari RA
- The book The Sole Spokesman: Jinnah the Muslim and Demand for Pakistan" was written by:
(A) Aitzaz Ahsan (B) Umera Ahmad
(C) Ayesha Jalal (D) None of these
- The opposite of Demur is:
(A) Crude (B) Falter
(C) Embrace (D) None of these
- The color of first Islamic flag was:
(A) Green (B) White
(C) Grey (D) None of these
- In which year social boycott of Banu Hashim was started:
(A) 7th Nabvi (B) 8th Nabvi
(C) 9th Nabvi (D) 10th Nabvi
- Which famous Ghazwa is mentioned in Surah Al Imran:
(A) Ghazwa Hunain (B) Ghazwa Badar
(C) Ghazwa Tabook (D) None of these
- Who are the "Sahibain"?
(A) Abu Yusuf and Imam Shaibani
(B) Abu Hanifah and Abu Yusuf
(C) Abu Hanifah and Imam Shafi
(D) None of these
- In how many days Allah created the heavens and the earth:
(A) 6 (B) 7
(C) 8 (D) 9
- Which surah contains the orders about Wuzu, Ghusal and Tayammum:
(A) Surah Al Imran (B) Surah Al Baqarah
(C) Surah Al Maidah (D) None of these
- Which Prophet is called the Father of Muslims:
(A) Hazrat Nooh AS (B) Hazrat Ibrahim AS
(C) Hazrat Adam AS (D) None of these
- Lira is the currency of:
(A) Turkey (B) China
(C) Azerbaijan (D) None of these
- Prophet was staying at the house of _____ on the night of miraj.
(A) Hazrat Ume Hani RA
(B) Hazrat Fatima RA
(C) Hazrat Abu Baakr RA
(D) None of these
- Which of the following is the key method of self-purification in Islam:
(A) Sawm (B) Salah
(C) Hajj (D) None of these
- What does the Mudaraba play in the Islamic economic system:
(A) It promotes profit sharing between investors and entrepreneurs
(B) It refers to fixed guaranteed returns on

- investments
(C) It encourages individuals to hoard wealth
(D) None of these
19. Who is named as Sheikh Ul Anbia:
(A) Hazrat Adam AS
(B) Hazrat Nooh AS
(C) Hazrat Ibrahim AS
(D) Hazrat Muhammad SAW

20. Musa bin Nusair conquered parts of:
(A) Asia (B) Africa
(C) Europe (D) Australia

مندرجہ ذیل عبارت کا مطالعہ کیجئے اور اس کے آخر میں دیئے گئے انگریزی سوالوں کے درست جواب کی نشاندہی کیجئے۔ دنیا کے ادب میں ڈراما ایک نہایت قدیم صنف ہے۔ اردو میں ڈرامے کی ابتداء 1853ء میں آغا حسن امانت کی اندر سجا ہے ہوتی ہے۔ لیکن جدید ڈرامے کا تصور بعد میں انگریزی وساطت سے آیا۔ اردو ڈرامے کے پیش رو کی حیثیت سے رہس کا ذکر ضروری ہے۔ اس دور میں ڈرامے پر شاعری رقص و سرور اور موسیقی کا غلبہ سبھی سلسلہ جاری رہا۔ بعد میں آغا حشر نے کچھ انگریزی ڈراموں کے ترجموں اور کچھ طبع زاد ڈراموں سے اس میں زندگی کا حقیقی خون دوڑانے کی کوشش کی۔ بیسویں صدی کے پہلے راج میں متھے مکالموں کا زور رہا بلکہ عبدالحلیم شرر نے انگریزی کے تتبع میں نظم مقرر کی صورت میں چند ڈرامائی نمونے بھی پیش کیے۔ دوسرے راج کے ڈراما نگاروں کے ہاتھوں ڈراما زندگی اور عوام سے قریب تر ہوتا گیا۔ اس زمانے میں امتیاز علی تاج نے اپنا معروف ڈراما انارکلی لکھا۔ ان کے ہم عصر ڈراما نگاروں میں عابد اور میرزا ادیب بالخصوص قابل ذکر ہیں۔

21. The first drama in Urdu was written by:
(A) Abdul Halim Sharar
(B) Agha Hashar
(C) Deputy Nazir Ahmad
(D) Agha Hassan Amanat
22. During the nineteenth century Urdu Drama was dominated by:
(A) Historical events
(B) Folk lore
(C) Dance and music
(D) Stories based on mythologies
23. Free verse was introduced in Urdu Drama by:
(A) Abdul Halim Sharar
(B) Agha Hassan Amanat
(C) Altaf Hussain Hali
(D) Imtiaz Ali Taj
24. Urdu Drama got increasingly close to everyday life:
(A) In the nineteenth century
(B) In first half of the twentieth century

- (C) In first quarter of the twentieth century
(D) In second quarter of the twentieth century
25. Mirza Adeeb was contemporary of:
(A) Abdul Halim Sharar (B) Imtiaz Ali Taj
(C) Altaf Hussain Hali (D) Agha Hashar

26. نظم طلوع اسلام علامہ اقبال کے کس مجموعہ کلام میں شامل ہے؟

- (A) بانگ درا (B) بال جبریل
(C) ضرب کلیم (D) ارمغان حجاز

27. ناول آگ کا دریا کس کی تصنیف ہے؟

- (A) عصمت چغتائی (B) قمر العین حیدر
(C) پریم چند (D) سجاد ظہیر

28. فیض احمد فیض نے اپنے پہلے شعری مجموعے کا نام کس شاعر کے شعر سے لیا ہے؟

- (A) میر تقی میر (B) غالب
(C) اقبال (D) مولانا حالی

29. آؤ کو چاہیے اک عمر اثر ہونے تک کون جیتا ہے تیری زلف کے سر ہونے تک یہ شعر کس کا ہے؟

- (A) میر تقی میر (B) مومن خان مومن
(C) مرزا غالب (D) حیدر علی آتش

30. آئندی کس مشہور ادیب کا افسانہ ہے؟

- (A) احمد ندیم قاسمی (B) غلام عباس
(C) اشفاق احمد (D) ممتاز مفتی

31. دو کلمے جو کسی جاندار، بے جان چیز، جگہ یا شخص کے نام کو ظاہر کرتے ہیں؟

- (A) حرف (B) فعل
(C) اسم (D) اسم نکرہ

32. دو اسم جو نہ خود کسی کلمے سے نکلا ہو اور نہ اس سے کوئی کلمہ نکلتے کہلاتے ہیں؟

- (A) اسم ہاء (B) اسم مصدر
(C) اسم مشتق (D) اسم نکرہ

33. دو اسم ہیں جو اعزاز کے طور پر حکومت، بادشاہ یا عوام ان کی طرف سے ملتے ہیں۔

(B) لقب

(A) خطاب

(D) عرف

(C) کنیت

34. وہ اسم جس میں جگہ یا وقت کے معنی موجود ہوں۔
 کہلاتا ہے۔

(B) اسم ظرف زماں

(A) اسم ظرف

(D) اسم ظرف غیر محدود

(C) اسم ظرف مکاں

35. دو یا دو سے زیادہ الفاظ کے مجموعے کو کہلاتا ہے؟

(B) لسانی مرکب

(A) شعری مرکب

(D) مرکب الفاظ

(C) مرکب

36. حاکم کی جمع کیا ہے؟

(B) حکما

(A) احکامات

(D) احکام

(C) حکام

37. سطح کی جمع کیا ہے؟

(B) سطحی

(A) سطوح

(D) Both A & C

(C) سطحات

38. Latent کا درست ترجمہ کیا ہے؟

(B) بہتات

(A) بنجر

(D) مخفی

(C) لازوال

39. Preposterous کا درست ترجمہ کیا ہے؟

(B) باقی ماندہ

(A) عقل کے خلاف

(D) جذباتی

(C) شان و شوکت

40. Move Heaven and earth کا درست ترجمہ کیا ہے؟

(B) بہت زیادہ کوشش کرنا

(C) بے صلہ کام کرنا

In the following questions, Identify the SYNONYM for given word

41. Quandary

(A) Predicament

(B) Difficulty

(C) Consternation

(D) Simplicity

42. Obstreperous

(A) Angry

(B) Noisy

(C) Saddened

(D) Shy

43. Effervescent

(A) Quick

(B) Lively

(C) Compassionate (D) Quiet

44. Penurious

(A) Generous

(B) Impoverished

(C) False

(C) Fabricated

45. Histrionic

(A) Happy

(B) Dramatic

(C) Joyous

(D) subdued

46. Quiescent

(A) Active

(B) Dormant

(C) Pensive

(D) Thoughtful

In the following questions, Identify the ANTONYM for given word

47. Turpitude

(A) Passion

(B) Happiness

(C) Virtue

(D) Corruption

48. Vituperate

(A) Praise

(B) Indifferent

(C) Agree

(D) Berate

49. Insouciant

(A) Carefree

(B) Angry

(C) Anxious

(D) Dull

50. Vitriolic

(A) Bitter

(B) Graceful

(C) Active

(D) Amiable

51. Equanimity

(A) Astonishment

(B) Displeased

(C) Agitation

(D) Tranquility

52. Sibilant

(A) Loud

(B) Whispering

(C) Noisy

(D) Sonorous

Select the correct idiom form the options provided to match the following descriptions.

52. To have a chip on one's shoulder means:

(A) To carry a piece of wood

(B) To be angry or resentful

(C) To be physically strong

(D) To have a big ego

54. To cast in the teeth means:

(A) To confront someone openly

(B) To compliment someone sincerely

(C) To criticize or reproach someone

(D) To share a secret with someone

55. To pass the buck means:

(A) To share a responsibility

(B) To play a card game

(C) To ignore a problem

(D) To make a decision quickly

56. What does the idiom "To ride roughshod over" mean?

(A) To have a bumpy ride

(B) To treat someone with kindness and respect

(C) To dominate or treat harshly without consideration

- (D) To take a leisurely horseback ride
57. What does the idiom "To read the riot act" mean?
 (A) To review a book about a riot
 (B) To threaten someone with a legal action
 ✓ (C) To deliver a stern warning or reprimand
 (D) To organize a protest or demonstration
58. What does the idiom "To put a spoke in one's wheel" mean?
 (A) To assist someone in their endeavor
 ✓ (B) To obstruct or hinder someone's plans
 (C) To repair a broken wheel
 (D) To engage in a friendly race
59. What does the idiom "To have a bone to pick with someone" mean?
 (A) To enjoy a hearty bone based meal with someone
 ✓ (B) To have a dispute or unresolved issue to address with someone
 (C) To support archaeological excavations
 (D) To engage in a competitive bone-collecting hobby
- Fill in the blank with appropriate prepositions.**
60. The negotiations were marred _____ allegations of corruption that cast a shadow _____ the legitimacy of the entire process.
 ✓ (A) by, onto (B) with, against
 (C) amid, under (D) through, over
61. His fascination with history compelled him to delve _____ ancient archives, uncovering forgotten tales _____ centuries past.
 ✓ (A) beneath, within (B) Into, from
 (C) throughput, towards
 (D) amidst, about
62. The architect designed the futuristic skyscraper to blend seamlessly _____ the urban landscape, harmonizing _____ the existing structures.
 ✓ (A) with, through (B) within, along
 (C) amidst, towards (D) into, against
63. The renowned philosopher delved deep _____ the intricacies of human consciousness, shedding light _____ the enigma of self-awareness.
 ✓ (A) within, towards (B) through, onto
 (C) amidst, against (D) onto, with
64. She embarked _____ a quest to decipher the cryptic symbols etched _____ the ancient artifact, unraveling its hidden secrets.
 ✓ (A) upon, beneath (B) amidst, towards
 (C) within, alongside (D) under, throughout
65. The architects vision seamlessly integrated the futuristic skyscraper _____ the existing cityscape, harmonizing _____ its historical architecture.
 ✓ (A) with, into (B) amidst, towards
 (C) within, alongside (D) under, throughout
66. The negotiations were conducted _____ utmost confidentiality, shrouding the details _____ prying eyes of the media.
 ✓ (A) amidst, in (B) with, from
 (C) beneath, towards (D) beyond, about
Choose the sentence that is grammatically correct from the options provided.
67. (A) Amidst the cacophony of the bustling metropolis, there exists an oasis of tranquility where the weary souls find respite.
 (B) Amidst the cacophonies of the bustling metropolis, there exists an oasis of tranquility where the weary soul finds respite.
 (C) Amidst the cacophony of the bustling metropolis, there exists an oasis of tranquilities where the weary souls find respite.
 (D) Amidst the cacophony of the bustling metropolises, there exists an oasis of tranquility where the weary soul finds respite.
68. (A) Irrespective of the diverse opinions, the committee has convened to discuss the pressing issues.
 (B) Irrespective of the diverse opinion, the committee has convened to discuss the pressing issues.
 (C) Irrespective the diverse opinions, the committee has convened to discuss the pressing issues.
 (D) Irrespective of the diverse opinions, the committee have convened to discuss the pressing issues.
69. (A) Within the convoluted corridors of bureaucracy, myriad regulations often impede progress.
 (B) Within the convoluted corridor of bureaucracies, myriad regulation often impedes progress.
 (C) Within the convoluted corridors of bureaucracies, myriads regulation often impedes progress.
 (D) Within the convoluted corridor of bureaucracy, myrinds regulations often impedes progress.
70. (A) Despite her exhaustion, the dedicated scientist continued to meticulously analyze the intricate data sets
 (B) Despite her exhaustion, the dedicated scientists continued to meticulously analyze the intricate data set
 (C) Despite her exhaustion, the dedicated scientist continued to meticulously analyze the intricacies data sets.
 (D) Despite her exhaustion, the dedicated scientists continued to meticulously

- analyze the intricacies data set.
71. (A) The enigmatic nature of dark matter continues to baffle cosmologists, as its properties remain elusive.
 (B) The enigmatic natures of dark matters continue to baffle cosmologists, as their properties remains elusive.
 (C) The enigmatic natures of dark matter continue to baffle cosmologists, as their properties remains elusive.
 (D) The enigmatic nature of dark matters continue to baffle cosmologists, as its properties remains elusive.
72. (A) Amidst the relentless march of technology, ethical dilemmas arising from artificial intelligence and automation demand thoughtful consideration.
 (B) Amidst the relentless marches of technologies, ethical dilemmas arising from artificial intelligences and automations demand thoughtful considerations.
 (C) Amidst the relentless march of technologies, ethical dilemmas arising from artificial intelligences and automations demand thoughtful considerations.
 (D) Amidst the relentless marches of technology, ethical dilemmas arising from artificial intelligence and automation demands thoughtful consideration.
73. (A) The intricate interplay of genetics and epigenetics, along with the influence of environmental factors, shape an individual's health outcomes.
 (B) The intricacies interplays of genetics and epigenetics, along with the influences of environmental factors, shapes an individual's health outcome.
 (C) The intricacies interplays of genetics and epigenetic, along with the influence of environmental factors, shapes an individual's health outcomes.
 (D) The intricate interplays of genetics and epigenetic, along with the influences of environmental factors, shape an individual's health outcome.
74. (A) Regardless of the myriad challenges, the dedicated team is determined to pursue their ambitious goals.
 (B) Regardless of the myriad challenge, the dedicated team are determined to pursue their ambitious goals
 (C) Regardless of the myriads challenges, the dedicated team is determined to pursue their ambitious goals.
 (D) Regardless of the myriads challenges, the dedicated team are determined to pursue their ambitious goals.
- Identify the sentence with a grammatical error.
75. (A) The physicist, along with her team, are conducting groundbreaking research.
 (B) Despite the challenging conditions, he persevered in his quest for knowledge.
 (C) The book, which has been read by millions, remains a classic.
 (D) Their commitment to excellence is evident in all that they do.
76. (A) The phenomenon of quantum entanglement bewilders even seasoned physicists.
 (B) Neither the professor nor her students have received their assignments yet.
 (C) The committee, consisting of experts in their respective fields, were divided.
 (D) The team's performance has been consistently excellent.
77. Choose the sentence with a semantic error:
 (A) The herculean effort required to complete the task was undeniable.
 (B) The cacophonous symphony of the city streets was oddly soothing.
 (C) The scientist's groundbreaking discovery left the world in a state of awe.
 (D) Her altruistic disposition was as clear as a cloudy day.
78. Identify the sentence with correct punctuation usage:
 (A) My favorite hobbies include reading knitting and cooking.
 (B) It's raining outside, however, I brought my umbrella.
 (C) The concert was amazing - I've never heard such talented musicians.
 (D) The professor's lecture was long; therefore it was informative.
79. Identify the sentence with correct punctuation usage:
 (A) My hobbies include: reading, knitting, and cooking.
 (B) She was tired, nevertheless, she decided to finish the project.
 (C) The conference has been postponed, thus we have more time to prepare.
 (D) He enjoys playing the guitar; he finds it relaxing.
80. Identify the sentence with the correct use of the colon:
 (A) I have three goals for the year, lose weight, save money and travel more.
 (B) The ingredients for the cake are: flour, sugar, eggs, and vanilla extract.
 (C) She had one question: when is the deadline?
 (D) He enjoys various outdoor activities; such as hiking, camping, and fishing.

Passage No. 1

Plato, the famous Greek philosopher, taught that the things of the world around us are merely copies

or "shadows" of greater, eternal realities. He used a metaphor of people living inside a cave to convey his ideas.

The people inside the cave could not see the world outside the cave, they could only see shadows of people and animals as they passed by. Plato was suggesting that the shadows would seem very real and alive to the people inside the cave, because that was all they had ever seen of the outside world. But these shadows were not the real, living creatures of the outside world, they were merely reflections of them. Plato's point was that this temporal world is a _____ of some greater, eternal reality.

81. The word that would most accurately fit the blank at the end of the second paragraph is:

- (A) Shadow (B) Picture
(C) Contradiction (D) Reversal

82. The underlined word 'convey' as used in this passage, most accurately means

- (A) Give birth to (B) Rationalize
(C) Experiment (D) Explain

83. What is the main idea of Plato's cave analogy?

- (A) This world is not all there is.
(B) Mankind cannot hope to see the truth.
(C) Humans are stupid.
(D) Real things cast shadows.

84. Which of the following would be the best title for this passage?

- (A) Life in a Cave.
(B) Perception and Reality.
(C) Perception and Reality
(D) Is There Life After Death?

85. The underlined word temporal, as used in the passage, most nearly means

- (A) Imaginary (B) Hypothetical
(C) Old-fashioned (D) Temporary

Passage No. 2

Yesterday, I was exposed to what has been called "a dining experience like no other." At lunchtime, Dilly's Deli is so crowded, I wondered when the fire marshal had last visited the establishment. The line snaked out of the door to the corner, and by the time I reached the counter, I was freezing. I decided on the hamburger steak special; the other specials being liver and onions or tuna casserole. Each special is offered with two side dishes, but there was no potato salad left and the green beans were cooked nearly beyond recognition. I chose the gelatin of the day and what turned out to be the blandest coleslaw I have ever eaten. At Dilly's, you sit at one of four long tables. The couple sitting across from me was having an argument. The truck driver next to me told me more than I wanted to know about highway taxes. After I

had tasted all of the food on my plate, I rose to leave, whereupon one of the people working behind the counter yelled at me to clean up after myself. Throwing away that plate of food was the most enjoyable part of dining at Dilly's.

86. If you go to lunch at Dilly's Deli, you could expect to see:

- (A) Couples dining together
(B) The fire marshal
(C) A long line of customers
(D) Homemade pie

87. The passage suggests that if you eat lunch at Dilly's Deli, you should expect to:

- (A) To be called out by the restaurant's staff
(B) Place your order with the waiter who comes to your table.
(C) Dress warmly
(D) Carry your own food to your table

88. Which of the following illustrates the restaurant critic's opinion of the food at Dilly's Deli?

- (A) "At Dilly's, you sit at one of four long tables."
(B) "At lunchtime, Dilly's Deli is so crowded, I wondered when the fire marshal had last visited the establishment."
(C) "After I had tasted all of the food on my plate, I rose to leave, whereupon one of the people working behind the counter yelled at me to clean up after myself."
(D) "Throwing away that plate of food was the most enjoyable part of dining at Dilly's."

89. The main purpose of the restaurant review is to:

- (A) Tell people about the presence of truck drivers at Dilly's Deli.
(B) Make fun of couples who argue in public.
(C) Recommend the hamburger steak special.
(D) Warn people that Dilly's Deli tends to be crowded.

90. Role of the 'fire marshal' (underlined), as mentioned in the passage, appears to be:

- (A) Checking the hygienic condition in the restaurant.
(B) Checking overcrowding at public places.
(C) Ensuring disciplined conduct of restaurant's staff.
(D) None of these

91. Evaluate: $4^{1/2} \times 4^2 \cdot 4^0$

- (A) 24 (B) 28
(C) 31 (D) None of these

92. What is k, given that $27^k = 9$

- (A) 1/3 (B) 2/3
(C) 4/3 (D) None of these

93. Several number of cows on a farm consume the food in 150 days. If we reduce the number of cows by 10, then the food lasts for 10 more

days. How many cows were there on the farm in the beginning?

- (A) 150 (B) 160
(C) 100 (D) None of these

94. A train of length 99m takes 11 seconds to pass completely through a station of length 231m. What is the speed of the train in km/h?

- (A) 108 (B) 75.6
(C) 30 (D) None of these

95. A, B and C share \$112. B receives \$12 less than A and C gets twice as much as B. How much does C get?

- (A) 34 (B) 44
(C) 50 (D) None of these

96. Find an integer such that four times the number subtracted from two times the square of the number gives 15.

- (A) 3 (B) -3
(C) -5/3 (D) None of these

97. Zaid is six times as old his daughter Zoya. How old was Zaid when Zoya was born if the sum of their ages will be 49 in 7 years?

- (A) 25 (B) 35
(C) 42 (D) None of these

98. Find two consecutive positive numbers such that the sum of their squares is 7 less than 120.

- (A) 7,8 (B) 8,9
(C) 7,9 (D) None of these

99. A light shop sells lights, they sold 25 percent of the lights and still had 1500 lights left. How many Lights were there in the beginning?

- (A) 2500 (B) 2250
(C) 2000 (D) None of these

100. Given $X^2 - 11X + 10 = 0$, then X is:

- (A) -1, -10 (B) -1, +10
(C) +1, -10 (D) None of these

101. Total cost of 5 markers and 1 pencil is Rs.245 and total cost of 3 markers and 3 pencils is Rs. 327. What is the cost of one marker?

- (A) Rs.32 (B) Rs.34
(C) Rs.74 (D) None of these

102. The first term in a sequence is 1 and the second term is 5. From the third term onwards, each term is the average (arithmetic mean) of all preceding terms. What is the 27th term in the sequence?

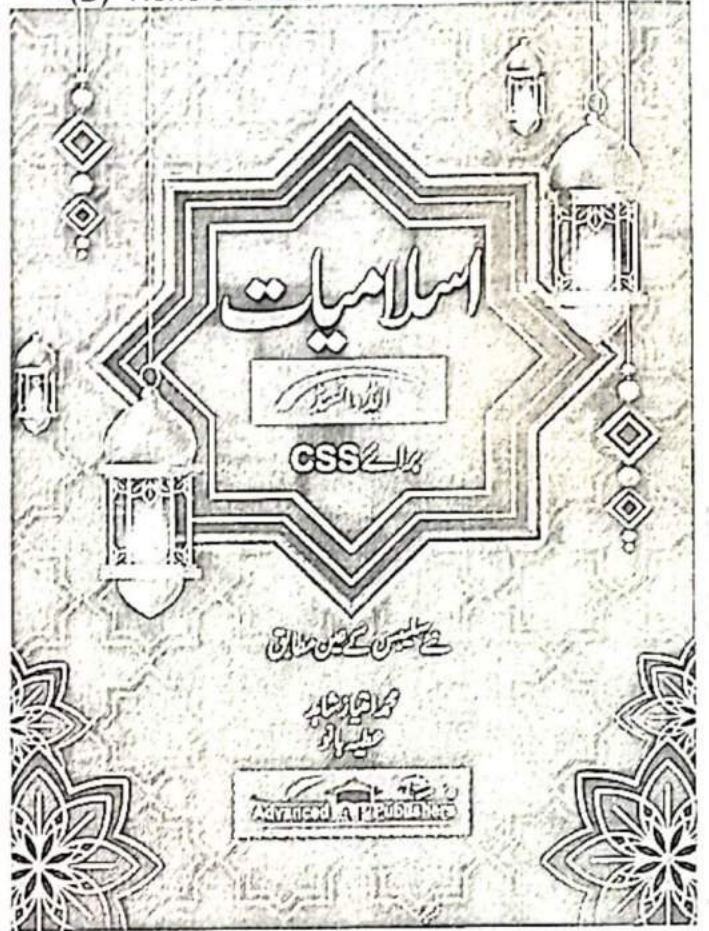
- (A) 2.5 (B) 3
(C) 5.5 (D) None of these

103. A baker sells different types of cakes in his shop. Every small cake costs \$x and every large cake costs 5 (2x+3). The cost of 3 small lemon cakes and 2 large lemon cakes is \$16.36. What is the cost of one small lemon cake?

- (A) \$1.91 (B) \$1.48
(C) \$2.34 (D) None of these

104. If one angle of an Isosceles triangle is 68° , then possible values of the second angle are,

- (A) Any value between 68° and 180°
(B) Any value between 68° and 112°
(C) Any value between 1° and 112°
(D) None of these



105. The total perimeter of a semicircle is 20.6 cm. What is the approximate radius of the semicircle?

- (A) 4 cm (B) 5 cm
(C) 6.6 cm (D) None of these

106. A water tank in the shape of a cuboid has length 1.5 meters and width 1 meter. How many liters of water in the tank if the water is 60 centimeters deep?

- (A) 9000 liters (B) 900 liters
(C) 90 liters (D) None of these

107. The inner circumference of a circular race track is 440m. If the width of track is 14m, what is the radius of outer circle?

- (A) 70 m (B) 77 m
(C) 84 m (D) None of these

108. In a group of 200 people, 90 like tennis, while 108 like cricket and 46 people like both tennis and cricket. How many people like neither tennis nor cricket?

- (A) 44 (B) 48
(C) 62 (D) None of these

109. 450 visitors visit a museum on each Monday, while only 120 visit on each of the remaining six

days of the week. How many visitors are there on a daily average basis in a month of 30 days beginning on a Monday?

- (A) 164 (B) 160
☒ (C) 175 (D) None of these

110. A is B's daughter, C is B's mother, D is B's sister and E is D's son. Then how is A related to E?

- (A) Uncle (B) Grand daughter
☒ (C) Cousin (D) None of these

111. Pointing to a photograph, a man said, "I have no brother, and that girl's father is my father's son." Whose photograph was it?

- (A) His father (B) His own
☒ (C) His daughter (D) None of these

112. A bus for Islamabad leaves after every fifty-two minutes from a bus stand. An enquiry officer told a passenger that the bus had already left sixteen minutes ago and the next bus will leave at 08:15 pm. At what time did the enquiry officer give the information to the passenger?

- (A) 7:23 pm (B) 7:39 pm
☒ (C) 7:49 pm (D) None of these

113. Pearl Tower is taller than Sky Tower but shorter than Ocean Tower. Ocean Tower and MCB Tower are of same height. Pearl Tower is shorter than Bahria Tower. Which one is the second shortest among all the buildings?

- ☒ (A) Pearl tower (B) Sky tower
 (C) Ocean tower (D) None of these

114. Peter is in the East of Tom and Tom is in the North of John. Mike is in the South of John then in which direction of Peter is Mike?

- (A) South-East ☒ (B) South-West
 (C) South (D) None of these

115. On a particular school day, a student will take classes of six subjects Geography, History, Jurisprudence, Kinetics, Literature, and Mechanics. Each class will be taken only once on that day and their order is subject to the following conditions:

- A. Geography has to be immediately after History.
 B. Kinetics has to be earlier than Geography.
☒ C. Mechanics has to be earlier than Literature.
 D. Mechanics has to be either immediately before or immediately after Jurisprudence

If Literature is earlier than Kinetics, then History must be in the following position:

- ☒ (A) First (B) Third
 (C) Fifth (D) None of these

116. Six girls are sitting in a circle facing towards the centre of the circle. R is between N and S. P is next to the left of V. R is 4th to the right of P. What is the position of T?

- ☒ (A) To the immediate right of V
 (B) Second to left of P

(C) Second to the right of R

(D) None of these

117. Roni and Willy had a 100m race. Roni covered the distance in 45 sees and Willy covered the distance in 36 seconds. Willy beats Roni by how much distance?

- ☒ (A) 20 m (B) 22.5 m
 (C) 25 m (D) None of these

118. What is a and b in the given sequence? a, 13, 9, 3, -5, -15, b

- (A) 15, -25 ☒ (B) 15, -27
 (C) 16, -28 (D) None of these

119. What is the sum of prime numbers less than 21?

- (A) 58 (B) 64
☒ (C) 77 (D) None of these

120. Old generation people were born between 1965 and 1981. They can do most tasks independently. Some people call them the Entrepreneurial generation. The conclusion which follows logically from the above statements is:

- ☒ (A) They have a natural tendency of being self-employed
 (B) They work harder than any recent generation
 (C) They require some assistance to do tasks
 (D) None of these

121. The expression $3(-4 \times 5 - 6)$. Would be equal to:

- (A) 12 ☒ (B) -78
 (C) -15 (D) None of these

122. Arrange in order of size, smallest to largest,

- (i) 0.5^2 (ii) 0.5 (iii) 0.5^3 (iv) $3\sqrt{0.5}$
 (A) iv, ii, i, iii ☒ (B) iii, i, ii, iv
 (C) ii, i, iii, iv (D) None of these

123. The forest workers plant 200 trees in one month (30 days). When 20 workers were sent away, 200 trees were planted in 40 days by this second group. How many workers were there in the first group?

- (A) 60 (B) 70
☒ (C) 80 (D) None of these

124. The temperature measured in Murree at noon was 16.6°C . At midnight temperature was 20.4°C lower. What was the temperature at midnight?

- (A) -4.8°C (B) -4.2°C
☒ (C) -3.8°C (D) None of these

125. Roni has 25 sweets and Tony has 55 sweets. How many sweets should Roni give to Tony so that Tony has four times as many sweets as Roni?

- (A) 5 (B) 7
☒ (C) 9 (D) None of these

126. How can the number 45 be divided into two parts such that four times one part is 9 less than 5 times the other?

- (A) 20,25 ☒ (B) 21,24
(C) 19,26 (D) None of these
127. A man is 5 times as old as his son now. Four years ago, the product of their ages was 52. What are their present ages?
(A) 8 and 40 (B) 7 and 35
☒ (C) 6 and 30 (D) None of these
128. John is 4 years older than David and Joe is 2 years younger than David. If the sum of their ages is 41, how old will John be in 8 years' time?
(A) 24 ☒ (B) 25
(C) 17 (D) None of these
129. What Integer values can n have, given the inequality, $-7 < 4n \leq 8$?
☒ (A) -1, 0, 1, 2
(B) -2, -1, 0, 1, 2
(C) -6, -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5, 6, 7, 8
(D) None of these
130. A Student spends 15% of his scholarship grant on food and 45% on tuition. After spending 50% of the remaining grant on his hostel fee, he is left with Rs 8,000 only. How much is his scholarship grant?
(A) Rs.32000 (B) Rs.40000
☒ (C) Rs.45000 (D) None of these
131. Find the value of $a^2 + b^2$, when $a + b = 5$ and $ab = 6$.
(A) 37 (B) 25
☒ (C) 13 (D) None of these
132. When the equation, $y = x^2 + 8x - 5$ is written in the form $= (x+a)^2 + b$, then a is:
(A) 8 (B) 5
☒ (C) 4 (D) None of these
133. Find the value of x , when $A = (2\pi + y)x^2$, where $A = 36$ and $y = 2.7$?
(A) 3 (B) 4
☒ (C) 2 (D) None of these
134. At a football match, the price of child ticket is Rs.240 less than the adult ticket. There are 18,500 adults and 2500 children attending the match. Total amount paid for tickets is Rs.41,400,000. What is the price of one adult ticket?
(A) Rs.2460 (B) Rs.1940
☒ (C) Rs.2000 (D) None of these
135. Name the regular polygon that has an exterior angle of 36° :
(A) Pentagon (B) Hexagon
☒ (C) Decagon (D) None of these
136. What is the perimeter of a semi-circle lake having a radius of 700m:
(A) 127.4 km ☒ (B) 3.6 km
(C) 2.9 km (D) None of these
137. What is the total surface area of a cylinder having a radius of 3.5 cm and height 5.5 cm?
(A) 211.5 cm^2 ☒ (B) 198 cm^2
(C) 121 cm^2 (D) None of these
138. The lights and breaks of 30 bicycles were tested. 27 bicycles passed the lights and 21 passed the brakes test. The light and breaks both failed on one bicycle. How many bicycles passed both tests?
☒ (A) 19 (B) 21
(C) 20 (D) None of these
139. A box contains 8 red, 6 green and 7 blue toys. One of the toy is randomly picked, what is the probability that the toy picked is neither red nor green?
☒ (A) $7/21$ (B) $14/21$
(C) $7/14$ (D) None of these
140. P is the brother of Q and R. S is mother of R, and T is father of P. Which of the following statements is not exactly true?
(A) T is Q's father (B) P is S's son
(C) S is P's mother ☒ (D) Q is T's son
141. Arrange the given words in the order that they occur in dictionary. 1. Apparent 2. Apostate 3. Appoint 4. Apparel
(A) 2, 1, 4, 3 (B) 2, 3, 4, 1
(C) 4, 1, 2, 3 ☒ (D) 2, 4, 1, 3
142. Adil, Badar, Salma, Dawood and Mehak each have different amount of money. Saima has more money than only Mehak; Badar has more money than Dawood but less than Adil. Who among them has the highest amount of money?
(A) Badar (B) Dawood
☒ (C) Adil (D) None of these
143. A got more points than B but less than C. D got less points than E but more than A. If C gets less than D, then who gets the highest points?
(A) D ☒ (B) E
(C) C (D) None of these
144. Given: PQS, QRT, RSU, STV... What should follow?
☒ (A) TUW (B) SUV
(C) STU (D) None of these
145. A clock is placed on a table such that at 6:00 pm the hour hand points to North-East. In which direction will the minute hand point at 9:15 pm?
(A) South-East ☒ (B) North-West
(C) South-West (D) None of these
146. The weights of 4 boxes are 20 kg, 30 kg, 50 kg and 70 kg. If a combination of boxes is made using each box only once then the total weight of the combination cannot be:
(A) 170 kg ☒ (B) 160 kg
(C) 150 kg (D) None of these
147. The positions of the first and sixth digits in the number 5109238674 are interchanged. Similarly, the positions of second and seventh digits are interchanged and so on. Which one of the following will be the third digit from the right end after the rearrangement?

- (A) 9 (B) 0
(C) 6 (D) None of these
148. 16 men and 12 women can complete a work in 20 days. 18 women can complete the same work in 40 days. In how many days will 12 men and 27 women complete the same work?
(A) 16 (B) 18
(C) 21 (D) None of these
149. Statement: "Research reports that though Vitamin C present in fresh fruits and vegetables is beneficial for human body, capsule Vitamin C does not have the same effect on human body". Which of the following sentence would logically come next?
(i) The sale of capsule Vitamin C should be banned.
(ii) People should be encouraged to take fresh fruits and vegetables to meet the body's requirement of Vitamin C.
(A) Only (i) follows (B) Only (ii) follows
(C) Neither (i) nor (ii) follows
(D) Both (i) and (ii) follow
150. What is the next term in the series? 11, 20, 35, 56, 83
(A) 108 (B) 116
(C) 122 (D) None of these
151. If output voltage is greater than Input voltage, the transformer is:
(A) Step up (B) Step down
(C) Faulty (D) None of these
152. The voltage signal which is generated by microphone is called:
(A) Digital (B) Analogue
(C) Hybrid (D) None of these
153. Third most common gas that is found in the air to breathe is called:
(A) Hydrogen (B) Neon
(C) Argon (D) None of these
154. Electromagnetic radiation with maximum wavelength is:
(A) Ultraviolet (B) Radio waves
(C) Infrared (D) None of these
155. The most dangerous type of radiation is:
(A) Alpha radiation (B) Beta radiation
(C) Gamma radiation (D) None of these
156. The solar energy is radiated in the form of:
(A) Electromagnetic waves
(B) Transverse waves
(C) Infrared waves
(D) None of these
157. The study of human body cells is called:
(A) Physiology (B) Cytology
(C) Mycology (D) None of these
158. Excessive bleeding during an Injury is a deficiency of:
(A) Vitamin B (B) Vitamin K
(C) Vitamin E (D) None of these
159. Which fuel is used in gas welding?
(A) Acetylene (B) Methane
(C) Ethylene (D) None of these
160. Drum printers belong to which of the following category?
(A) Ink Jet printer (B) Laser printer
(C) Line printer (D) None of these
161. Machine learning is sub area of:
(A) Hardware engineering
(B) Artificial Intelligence
(C) Cyber forensics
(D) None of these
162. Which of the following can be classified as renewable energy source?
(A) Geothermal energy
(B) Tidal energy
(C) Biomass energy
(D) All of these
163. How do scientists know that the Earth's core is made up of metal?
(A) The density of the surface layer of Earth is much less than its average density.
(B) The Earth's rotation speed indicates its core structure.
(C) The density of surface layer of Earth is greater than its total density.
(D) None of these
164. Maintenance of soil fertility without addition of extra nutrition is due to:
(A) Floods (B) Crop residue
(C) Microbial activity (D) None of these
165. Nanocomposite materials are useful in food industry as they prevent packaged food from
(A) Oxygen (B) Carbon dioxide
(C) Moisture (D) All of these
166. Which of the following statement is true?
(A) Water-soluble vitamins cannot be stored in the body
(B) Fat-soluble vitamins can be stored in the body
(C) Body can absorb more of fat-soluble vitamins than required
(D) All of these
167. What global agreement, signed in 2015, aimed to limit global warming to well below 2 degrees Celsius above pre-Industrial levels?
(A) Kyoto Protocol
(B) Paris Agreement
(C) Copenhagen Accord
(D) None of these
168. Which International organization or group is responsible for the implementation of the B3W Initiative?
(A) United Nations
(B) Group of Seven (G7)
(C) NATO